

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/714,409B
Source: IFW16
Date Processed by STIC: 9/6/05

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/714,409B

DATE: 09/06/2005

TIME: 08:59:24

Input Set : A:\ONYX 1033 RCE.ST25.txt
 Output Set: N:\CRF4\09062005\I714409B.raw

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3 <110> APPLICANT: Johnson, Leisa
4     Fattaey, Ali
5     Hermiston, Terry
7 <120> TITLE OF INVENTION: An Oncolytic Adenovirus
9 <130> FILE REFERENCE: ONYX1033-US-RCE
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/714,409B
12 <141> CURRENT FILING DATE: 2000-11-14
14 <150> PRIOR APPLICATION NUMBER: US 60/165,638
15 <151> PRIOR FILING DATE: 1999-11-15
17 <160> NUMBER OF SEQ ID NOS: 33
19 <170> SOFTWARE: PatentIn version 3.3
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 35
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial
26 <220> FEATURE:
27 <223> OTHER INFORMATION: XhoI
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34 <211> LENGTH: 35
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial
38 <220> FEATURE:
39 <223> OTHER INFORMATION: XhoI
41 <400> SEQUENCE: 2
42 cctattaaaa aaacaccact cgagacggca ccagc          35
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 26
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <223> OTHER INFORMATION: SpeI
53 <400> SEQUENCE: 3
54 gggcggagta actatgtatgt gttgggg          26
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 37
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial
62 <220> FEATURE:
63 <223> OTHER INFORMATION: SpeI-E2F1P
65 <400> SEQUENCE: 4
66 gtgagcacta gtcgcctgg accatccggaa caaaggcc          37

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71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: SpeI-E2F1P
77 <400> SEQUENCE: 5
78 gtgagcacta gtcgcctgg accatccgga caaagcc                                37
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 34
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: XhoI-E2F1
89 <400> SEQUENCE: 6
90 gtgagcctcg agctcgatcc cgctccgccc ccgg                                34
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 31
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial
98 <220> FEATURE:
99 <223> OTHER INFORMATION: d1922/47
101 <400> SEQUENCE: 7
102 gctaggatcc gaagggattt acttactcac t                                31
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 31
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial
110 <220> FEATURE:
111 <223> OTHER INFORMATION: d1922/47
113 <400> SEQUENCE: 8
114 gctagaattt ctcttcatcc tcgtcgac t                                31
117 <210> SEQ ID NO: 9
118 <211> LENGTH: 20
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: E2F-1
125 <400> SEQUENCE: 9
126 ggtgacgttt gtttttagggc                                20
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130 <211> LENGTH: 21
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial
134 <220> FEATURE:
135 <223> OTHER INFORMATION: E2F-1
137 <400> SEQUENCE: 10
138 gccataacag tcagccttac c                                21
141 <210> SEQ ID NO: 11

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142 <211> LENGTH: 35
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial
146 <220> FEATURE:
147 <223> OTHER INFORMATION: BamHI-E2F1P
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153 <210> SEQ ID NO: 12
154 <211> LENGTH: 37
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial
158 <220> FEATURE:
159 <223> OTHER INFORMATION: HindIII-E2F1P
161 <400> SEQUENCE: 12
162 gtgagcaagg ttcgcctgg accatccgga caaagcc 37
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166 <211> LENGTH: 31
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial
170 <220> FEATURE:
171 <223> OTHER INFORMATION: EcoXC1
173 <400> SEQUENCE: 13
174 cgcggattc ttttggattt aagccaatat g 31
177 <210> SEQ ID NO: 14
178 <211> LENGTH: 30
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial
182 <220> FEATURE:
183 <223> OTHER INFORMATION: ExoXC1
185 <400> SEQUENCE: 14
186 cagtccccgt gtcggatccg ctcggaggag 30
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190 <211> LENGTH: 30
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Bsr-Bam
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198 ctccctccgag cggatccgac accgggactg 30
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202 <211> LENGTH: 30
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial
206 <220> FEATURE:
207 <223> OTHER INFORMATION: E1A..Xba
209 <400> SEQUENCE: 16
210 gcgggaccac cgggtgtatc tcaggaggtg 30
213 <210> SEQ ID NO: 17
214 <211> LENGTH: 20

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216 <213> ORGANISM: Artificial
218 <220> FEATURE:
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226 <211> LENGTH: 25
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Ad5-left
233 <400> SEQUENCE: 18
234 gggcgtaacc gagtaagatt tggcc 25
237 <210> SEQ ID NO: 19
238 <211> LENGTH: 31
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial
242 <220> FEATURE:
243 <223> OTHER INFORMATION: E1Astart.NC
245 <400> SEQUENCE: 19
246 ggcagataat atgtctcatt ttcagtcccg g 31
249 <210> SEQ ID NO: 20
250 <211> LENGTH: 31
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Af-7
257 <400> SEQUENCE: 20
258 gctaggatcc gaaggaggattt acttactcac t 31
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262 <211> LENGTH: 31
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Af-5
269 <400> SEQUENCE: 21
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273 <210> SEQ ID NO: 22
274 <211> LENGTH: 21
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial
278 <220> FEATURE:
279 <223> OTHER INFORMATION: E4.3NCb
281 <400> SEQUENCE: 22
282 gccataacag tcagcttac c 21
285 <210> SEQ ID NO: 23
286 <211> LENGTH: 20
287 <212> TYPE: DNA

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Input Set : A:\ONYX 1033 RCE.ST25.txt
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288 <213> ORGANISM: Artificial
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Ad5-3
293 <400> SEQUENCE: 23
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297 <210> SEQ ID NO: 24
298 <211> LENGTH: 24
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial
302 <220> FEATURE:
303 <223> OTHER INFORMATION: E3.C8
305 <400> SEQUENCE: 24
306 cctttatcca gtgcatttgac tggg 24
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311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial
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315 <223> OTHER INFORMATION: E3I
317 <400> SEQUENCE: 25
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321 <210> SEQ ID NO: 26
322 <211> LENGTH: 14
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial
326 <220> FEATURE:
327 <223> OTHER INFORMATION: SpeI
329 <400> SEQUENCE: 26
330 acataacaagt tact 14
333 <210> SEQ ID NO: 27
334 <211> LENGTH: 14
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial
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339 <223> OTHER INFORMATION: SpeI
341 <400> SEQUENCE: 27
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345 <210> SEQ ID NO: 28
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347 <212> TYPE: DNA
348 <213> ORGANISM: Artificial
350 <220> FEATURE:
351 <223> OTHER INFORMATION: mutated SpeI
353 <400> SEQUENCE: 28
354 acataactagt tact 14
357 <210> SEQ ID NO: 29
358 <211> LENGTH: 14
359 <212> TYPE: DNA
360 <213> ORGANISM: Artificial

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/06/2005
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Input Set : A:\ONYX 1033 RCE.ST25.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33

VERIFICATION SUMMARY

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Input Set : A:\ONYX 1033 RCE.ST25.txt
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number